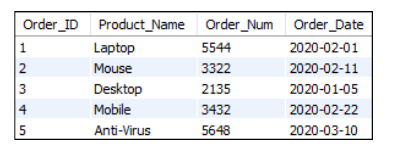
**Labcycle 4**

**Experiment No: 6**

AIM : Familiarisation of TCL Commands

1: Create a Table ‘Order\_Details’ with the given data and perform the following operations



a) Start a new transaction and insert 2 rows into the table Order\_Details.

b) Display the details of Order\_Details.

c) Rollback the current transaction and check the contents of the table Order\_Details.

d) Start a new transaction and delete 2 rows from the table Order\_Details.

e) Display the details of Order\_Details.

f) Commit the current transaction and check the details of the table Order\_Details.

g) Disable autocommit and create a savepoint named ‘Check\_Updates’.

h) Update details of the order with Order\_Num 5544.

i) Insert 2 more rows into the table.

j) Create a savepoint named ‘Check\_delete’

k) Delete order details of a product named ‘Laptop’.

l) Display the current details of the table Order\_Details.

m) Rollback to savepoint ‘Check\_delete’ and check the details of the table

Order\_Details.

n) Rollback to savepoint ‘Check\_Updates’ and check the details of the table

Order\_Details.

o) Commit the changes and enable autocommit.

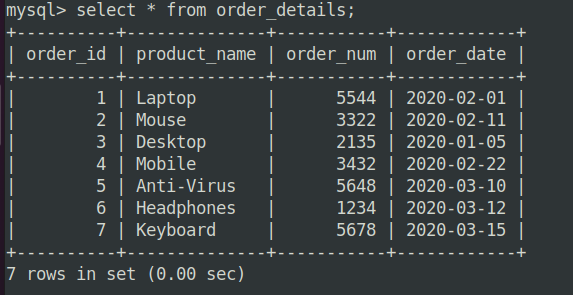
a) START TRANSACTION;

INSERT INTO order\_details (order\_id, product\_name, order\_num, order\_date)

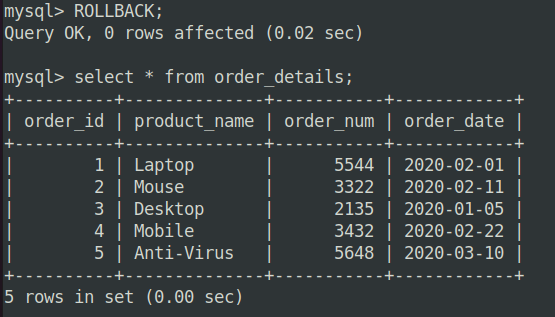
VALUES (6, 'Headphones', 1234, '2020-03-12'),(7, 'Keyboard', 5678, '2020-03-15');



b)

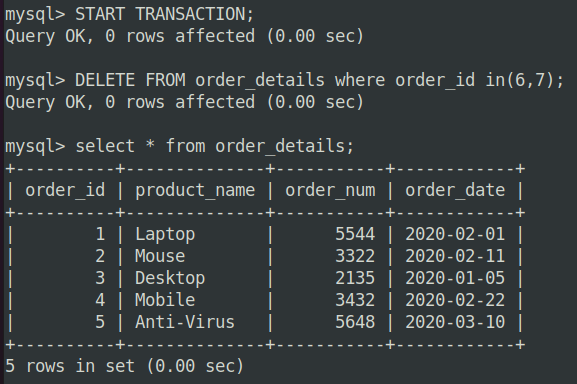


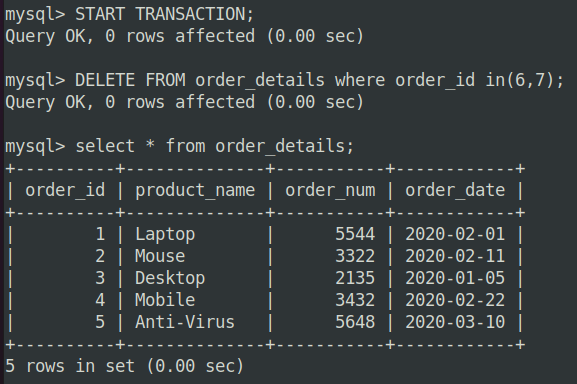
c) ROLLBACK;



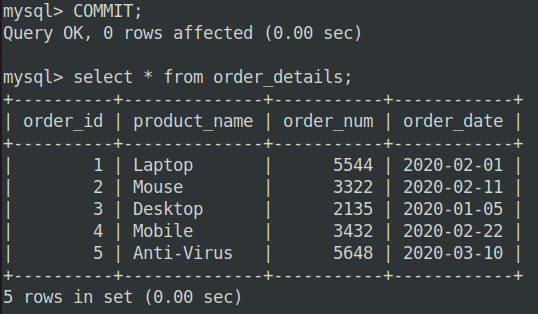
d) START TRANSACTION;

DELETE FROM order\_details where order\_id in(6,7);



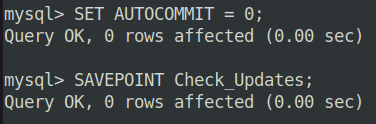
e)

f) COMMIT;

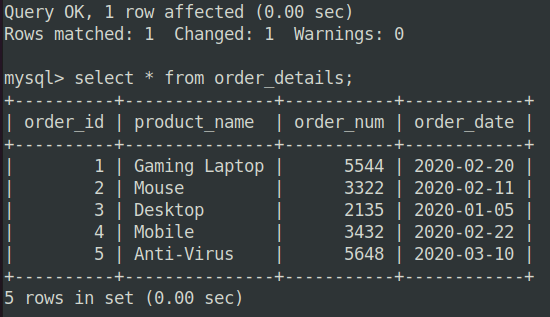


g) SET AUTOCOMMIT = 0;

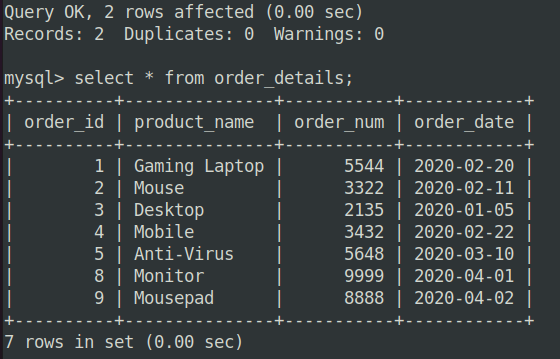
SAVEPOINT Check\_Updates;



h) UPDATE Order\_Details SET product\_name = 'Gaming Laptop', order\_date = '2020-02-20' WHERE order\_num = 5544;



i) INSERT INTO order\_details (order\_id, product\_name, order\_num, order\_date) VALUES (8, 'Monitor', 9999, '2020-04-01'),(9, 'Mousepad', 8888, '2020-04-02');



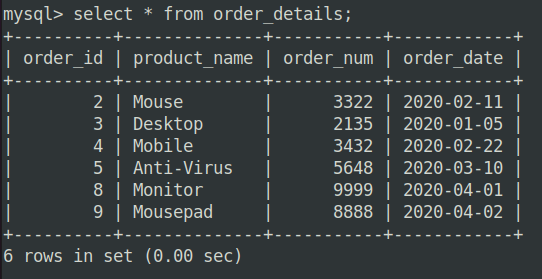
j) SAVEPOINT Check\_delete;



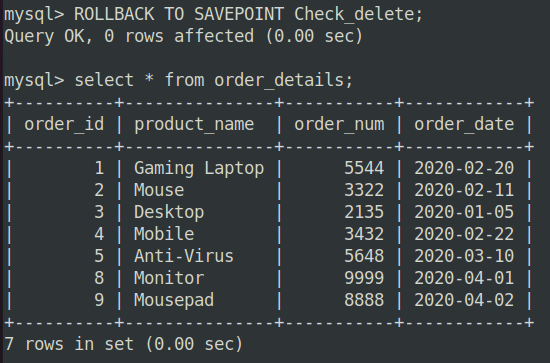
k) DELETE FROM order\_details WHERE product\_name = 'Gaming Laptop';



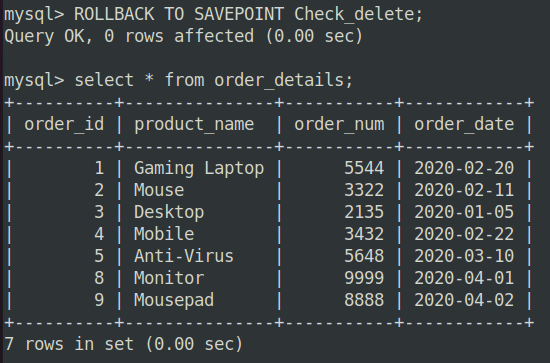
l)



m) ROLLBACK TO SAVEPOINT Check\_delete;



n) ROLLBACK TO SAVEPOINT Check\_Updates;



o) COMMIT;

SET AUTOCOMMIT = 1;

